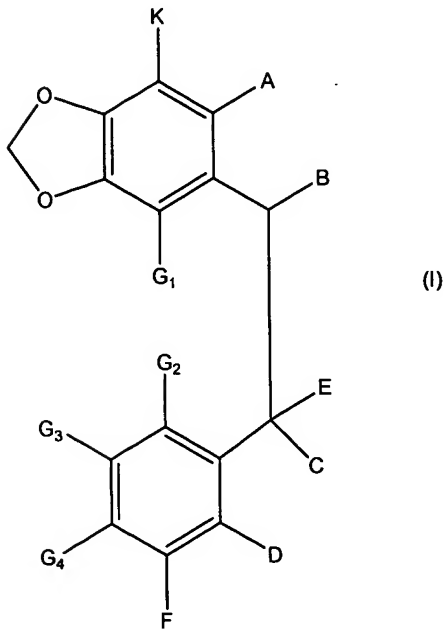
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

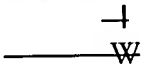
1. (Currently Amended) A compound of formula (I):



(I)

wherein:

A is ~~(i) $(CH_2)_n$-N-C(O)-O-C_{1-6}alkyl~~



~~in which W is C_{1-6}alkyl or C_{1-6}alkylaryl and n=0, 1, or 2, or~~

~~(ii)~~ $(CH_2)_2$-N-

and forms a nitrogen-containing heterocycloalkyl ring with B,

in which Y is:

(a) hydrogen, C_{1-6} alkyl, or C_{1-6} alkylaryl,

(b) -C(O)-C_{1-6} alkyl or -C(O)-C_{1-6} alkylaryl,

(c) $-CH_2-CH(OH)-CH_2-Z$, where Z is C_{1-6} alkyl or -O-C_{1-6} alkyl,

(d) aryl, or

(e) heteroaryl;

B is -OH, halogen, or a single bond that forms a six-membered heterocycloalkyl ring with A;

C is hydrogen, C_{1-6} alkyl, or halogen;

D is (i) $-CH_2$-halogen, -CH(O), -COOH, -C(O)-O-C_{1-6} alkyl, -C(O)-O-C_{1-6} alkylaryl, $-CH_2OH$, or $-(CH_2)_n-CH_3$, wherein n is 1, 2, or 3, or

(ii) together with E forms a five- or six-membered cycloalkyl or heterocycloalkyl ring;

E is -OH or C_{1-6} alkyl, or together with D forms a five- or six-membered cycloalkyl or heterocycloalkyl ring, wherein this heterocycloalkyl ring contains -C(O)O-, -C(O)NH-, -C(S)O-, or -C(S)NH-;

F is hydrogen, -O-C_{1-6} alkyl, -O-C_{1-6} alkylaryl, -O-C_{1-6} alkylheteroaryl, halogen, aryl, C_{1-6}alkyl, -SH, thio-C_{1-6} alkyl, -S-aryl, $-O-SO_2-C_{1-6}$ alkyl, $-O-SO_2-C_{1-6}$ alkylaryl, cyano, or NR1R2, where R1 and R2 are independently hydrogen, C_{1-6} alkyl, C_{1-6} alkylaryl, cyano, aryl, heteroaryl, $-SO_2-C_{1-6}$ alkyl, or $-SO_2-N(C_{1-6}$ alkyl)(C_{1-6} alkyl);

G_1 to G_4 independently represent hydrogen, aryl, halogen, C_{1-6} alkyl, hydroxyl, -S-C_{1-6} alkyl, nitro, -O-C_{1-6} alkyl, -O-C_{1-6} alkylaryl, or $-(CH_2)_xNR1R2$, where x is 0, 1, or 2 and where R1 and R2 are independently hydrogen, C_{1-6} alkyl, C_{1-6} alkylaryl, cyano, aryl, heteroaryl, or acyl, or

two adjacent G_2 to G_4 groups together comprise an alkylene $-(CH_2)_m-$, where m is 3 or 4, to form a cycloalkyl ring, or together comprise an alkylene dioxy $-O-(CH_2)_n-O-$, where n is 1, 2, or 3, to form a heterocycloalkyl ring; and

K is C_{1-6} alkyl, halogen, cyano, aryl, hydrogen, hydroxyl, thio-C_{1-6} alkyl, sulfonyl, sulfoxyl, nitro, -O-C_{1-6} alkyl, -O-C_{1-6} alkylaryl, or NR1R2, where R1 and R2 are independently hydrogen, C_{1-6} alkyl, C_{1-6} alkylaryl, cyano, aryl, heteroaryl, or acyl;

wherein one or more of said alkyl, aryl, heteroaryl, cycloalkyl, heterocycloalkyl, and alkylaryl groups are optionally substituted with one or more suitable substituents; a salt thereof, a solvate thereof, a solvated salt thereof, or a combination of two or more thereof;

provided that when A is $-(CH_2)_2-N(Y)-$ and forms a nitrogen-containing heterocycloalkyl ring with B, and D together with E forms an unsubstituted five- membered heterocycloalkyl ring that contains -C(O)O-, then:

(i) F is not unsubstituted -O-C_{1-6} alkyl or dialkylamino-substituted -O-C_{1-6} alkyl when G_1 is hydrogen, hydroxyl, or unsubstituted -O-C_{1-6} alkyl, G_2 is hydrogen, halogen, or a nitrogen-containing radical, G_3 is hydrogen, G_4 is hydroxyl or unsubstituted -O-C_{1-6} alkyl, and Y is hydrogen, unsubstituted C_{1-6} alkyl, oxo-substituted C_{1-6} alkyl, thiocarbamoyl-substituted C_{1-6} alkyl, hydroxy-substituted C_{1-6} alkyl, or heteroaryl,

(ii) F is not $-NO_2$ or NR1R2 where R1 and R2 are both hydrogen or the same oxo-substituted C_{1-6} alkyl (a) when at least three of G_1, G_2, G_3, and G_4 are the same unsubstituted -O-C_{1-6} alkyl or (b) when G_2 is $-NO_2$, and

(iii) F is not hydrogen (a) when G_2, G_3, and G_4 are all hydrogen or (b) when G_2 and G_3 or G_3 and G_4 together comprise a methylenedioxy or (c) when at least two of G_2, G_3, and G_4 are unsubstituted -O-C_{1-6} alkyl or (d) when G_1 is unsubstituted -O-C_{1-6} alkyl and G_4 is a nitrogen-containing radical or halogen.

2. (Original) The compound of claim 1, wherein A is -$(CH_2)_2$-N(Y)- and forms a nitrogen-containing heterocycloalkyl ring with B.

3. (Original) The compound of claim 2, wherein Y is hydrogen, C_{1-6} alkyl, or C_{1-6} alkylaryl.

4. (Original) The compound of claim 1, wherein D together with E forms a substituted or unsubstituted five- or six-membered heterocycloalkyl ring that contains -C(O)O-, -C(O)NH-, -C(S)O-, or -C(S)NH-.

5. (Original) The compound of claim 1, wherein D together with E forms a five-membered heterocycloalkyl ring that contains -C(O)O-.

6. (Original) The compound of claim 1, wherein A is -$(CH_2)_2$-N(Y)- and forms a nitrogen-containing heterocycloalkyl ring with B, and D together with E forms a substituted or unsubstituted five- or six-membered heterocycloalkyl ring that contains -C(O)O-, -C(O)NH-, -C(S)O-, or -C(S)NH-.

7. (Original) The compound of claim 1, wherein A is -$(CH_2)_2$-N(Y)- and forms a nitrogen-containing heterocycloalkyl ring with B, and D together with E forms a five-membered heterocycloalkyl ring that contains -C(O)O-.

8. (Original) The compound of claim 6 or 7, wherein Y is hydrogen, C_{1-6} alkyl, or C_{1-6} alkylaryl.

9. (Original) The compound of claim 1, 6, or 7, wherein K is hydrogen.

10. (Original) The compound of claim 1, 6, or 7, wherein G_1 to G_4 each independently represents hydrogen or -O-C_{1-6} alkyl.

11. (Original) The compound of claim 6 or 7, wherein said compound is present as a racemic mixture.

12. (Original) The compound of claim 11, wherein one isomer of said compound is present in an amount greater than 50% of said racemic mixture.

13. (Original) The compound of claim 11, wherein one isomer of said compound is present in an amount greater than 75% of said racemic mixture.

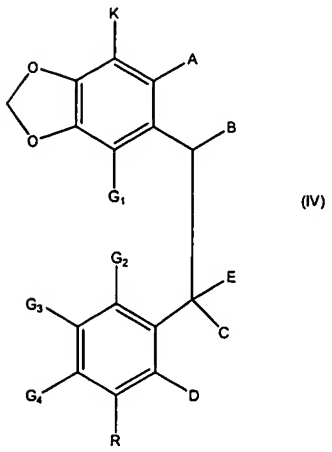
14. (Original) The compound of claim 11, wherein one isomer of said compound is present in an amount greater than 90% of said racemic mixture.

15. (Original) A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of claim 1 and a pharmaceutically acceptable carrier.

Claims 16-120 (Cancelled)

121. (New) A method of making the compound of claim 1 by direct nucleophilic substitution,

comprising reacting a compound of formula (IV):



(IV)

wherein each of the variables other than R are defined as in claim 1 and R is a suitable leaving group, with a suitable nucleophile to form a compound according to formula (I).

122. (New) The method of claim 121, wherein R is a halogen, -O-C_{1-6} alkyl or -O-SO_2-C_{1-6} alkyl.

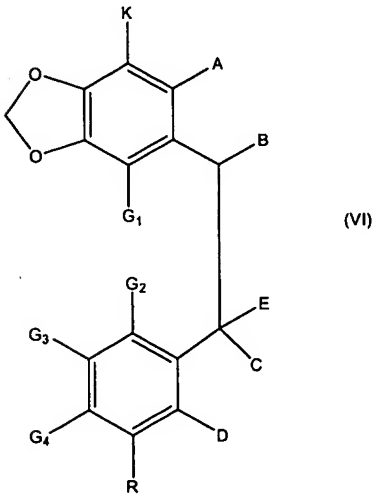
123. (New) The method of claim 120, wherein said compound of formula (IV) is mixed with a suitable catalyst.

124. (New) The method of claim 123, wherein said suitable catalyst comprises tris(dibenzylideneacetone)-dipalladium chloroform adduct, 1,1'-bis(diphenylphosphino)ferrocene (DPPF), tetrakis(triphenylphosphine)palladium or mixtures thereof.

125. (New) The method of claim 123, wherein a suitable base is added to the mixture of said

compound of formula (IV) and said suitable catalyst.

126. (New) A method of making the compound of claim 1 by direct alkylation, comprising reacting a compound of formula (VI):



(VI)

wherein each of the variables other than R are defined as in claim 1 and R is a suitable leaving group, with a suitable donor to form a compound according to formula (I).

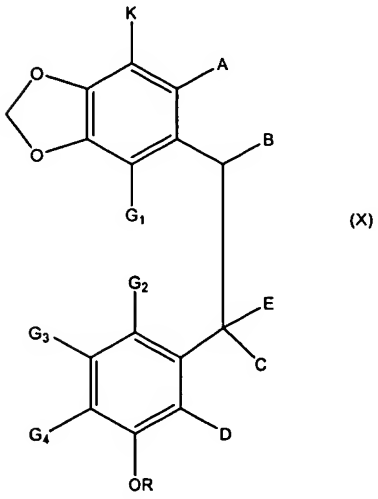
127. (New) The method of claim 126, wherein R is a hydroxyl or substituted hydroxyl.

128. (New) The method of claim 126, wherein said suitable donor is C_{1-6} alkyl halide or substituted C_{1-6} alkyl halide.

129. (New) The method of claim 126, wherein said compound of formula (VI) is mixed with a suitable catalyst.

130. (New) The method of claim 129, wherein said suitable catalyst comprises tetrabutylammonium iodide.

131. (New) A method of making the compound of claim 1 by alkoxide addition, comprising reacting a compound of formula (X):



(X)

wherein each of the variables other than R are defined as in claim 1 and R is C_{1-6} alkyl, with a base in a suitable solvent to form an alkoxide, and reacting the alkoxide with an electrophilic alkylating agent to form a compound according to formula (I).

132. (New) The method of claim 131, wherein said suitable solvent comprises toluene, 1-methyl-2-pyrrolidinone or mixtures thereof.

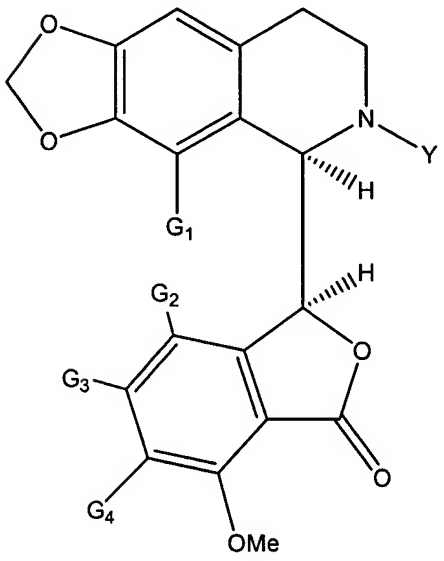
133. (New) The method of claim 131, wherein the molar ratio of said compound of formula (X)

to said electrophilic alkylating agent is about 1:1 to about 1:10.

134. (New) The method of claim 131, wherein the molar ratio of said compound of formula (X) to said electrophilic alkylating agent is about 1:1 to about 1:3.

135. (New) The method of claim 131, wherein said electrophilic alkylating agent is an alkyl halide or heteroaryl.

136. (New) A method of making the compound of claim 1, comprising converting a compound of formula (II):



(II).

wherein:

Y is:

(a) hydrogen, C_{1-6}alkyl, or C_{1-6}alkylaryl,

(b) -C(O)-C_{1-6}alkyl or –C(O)-C_{1-6}alkylaryl,

(c) -CH_2-CH(OH)-CH_2-Z, where Z is C_{1-6}alkyl or –O-C_{1-6}alkyl,

(d) aryl, or

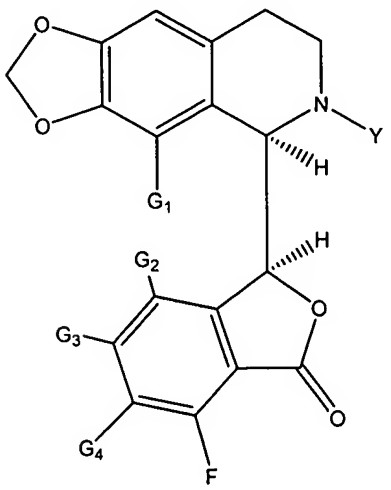
(e) heteroaryl; and

G_1 to G_4 independently represent hydrogen, aryl, halogen, C_{1-6}alkyl, hydroxyl, -S-C_{1-6}alkyl, nitro, -O-C_{1-6}alkyl, -O-C_{1-6}alkylaryl, or -$(CH_2)_x$NR1R2, where x is 0, 1, or 2 and where R1 and R2 are independently hydrogen, C_{1-6}alkyl, C_{1-6}alkylaryl, cyano, aryl, heteroaryl, or acyl, or

two adjacent G_2 to G_4 groups together comprise an alkylene —$(CH_2)_m$—, where m is 3 or 4, to form a cycloalkyl ring, or together comprise an alkylene dioxy —O--$(CH_2)_n$—O--, where n is 1, 2, or 3, to form a heterocycloalkyl ring;

a salt thereof, a solvate thereof, a solvated salt thereof, or a combination of two or more thereof;

into a single stereoisomer of formula (III):



(III)

wherein G_1, G_2, G_3, G_4, and Y are as defined above, and F is -O-C_{2-6}alkyl, -O-C_{1-6}alkylaryl, -O-C_{1-6}alkylheteroaryl, halogen, aryl, C_{1-6}alkyl, -SH, thio-C_{1-6}alkyl, -S-aryl, -O-SO_2-C_{1-6}alkyl, -O-SO_2-C_{1-6}alkylaryl, cyano, or NR1R2, where R1 and R2 are independently hydrogen, C_{1-6}alkyl, C_{1-6}alkylaryl, cyano, aryl, heteroaryl, -SO_2-C_{1-6}alkyl, or –SO_2-N(C_{1-6}alkyl)(C_{1-6}alkyl), provided that F is not –O-t-C_4H_9 or -O-$CH_2CH_2N(C_2H_5)_2$;

wherein one or more of said alkyl, aryl, heteroaryl, and alkylaryl groups are optionally substituted with one or more suitable substituents;

a salt thereof, a solvate thereof, a solvated salt thereof, or a combination of two or more thereof.